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INFORMATION DISCLOSURE
STATEMENT BY APPLICANTDate Submitted: December 23, 2005
(use as many sheets as necessary)

Sheet

1 of 2

Complete if Known

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| Application Number | Unassigned 10/562154 |
| Filing Date | 12/23/2005 |
| First Named Inventor | Snjezana BOGER |
| Group Art Unit | Unassigned |
| Examiner Name | Unassigned |
| Attorney Docket Number | 016906-0459 |

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U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
| | | Number | Kind Code ² (if known) | | | |
| /MLS/ | A1 | 6,880,746 | B1 | SESEKE-KOYRO ET AL. | 04-19-2005 | |
| | A2 | 6,432,221 | B1 | SESEKE-KOYRO ET AL. | 08-13-2002 | |
| | A3 | 3,971,501 | | COOKE | 07-27-1976 | |
| | A4 | 5,795,659 | | MEELU ET AL. | 08-18-1998 | |
| | A5 | 5,962,145 | | MATSUKAWA | 10-05-1999 | |
| | A6 | 5,518,555 | | OUYANG ET AL. | 05-21-1996 | |
| | A7 | 2002/0070263 | A1 | SESEKE-KOYRO ET AL. | 06-13-2002 | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Documents | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|-------------------------|---------------------|-----------------------------------|--|--|---|----------------|
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| /MLS/ | A8 | GB | 1 542 323 | | ALCAN RESEARCH & DEVELOPMENT LTD. | 03-14-1979 | | |
| | A9 | WO | 03/072288 | A1 | INFINEON TECHNOLOGIES AG | 09-04-2003 | | Abst. |
| | A10 | WO | 01/74530 | A1 | SOLVAY FLUOR UND DERIVATE GMBH | 10-11-2001 | | Abst. |
| | A11 | DE | 199 13 111 | A1 | SOLVAY FLUOR & DERIVATE GMBH | 09-30-1999 | | Abst. |
| | A12 | WO | 00/73014 | A1 | SOLVAY FLUOR UND DERIVATE GMBH | 12-07-2000 | | Abst. |
| | A13 | DE | 26 14 872 | A1 | ALCAN RESEARCH & DEVELOPMENT LTD. | 10-14-1976 | | Abst. |
| | A14 | DE | 100 15 486 | A1 | SOLVAY FLUOR & DERIVATE GMBH | 10-11-2001 | | Abst. |
| | A15 | EP | 1 154 042 | A1 | NIPPON PAINT CO., LTD., ET AL. | 11-14-2001 | | |
| | A16 | EP | 0 659 519 | B1 | DENSO CORP. | 09-19-2001 | | |

NON PATENT LITERATURE DOCUMENTS

| | | | |
|--------------------|-----------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ⁶ |
| /MLS/ | A17 | Patent Abstract, CN 1 413 797, Univ. Harbin Polytechnic, 04-30-2003. | |

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|--------------------|------------------|-----------------|------------|
| Examiner Signature | /Mark L. Shevin/ | Date Considered | 04/05/2008 |
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|--------------------|-----------------------|--|----------------|
| /MLS/ | A18 | D.C. Lin et al., "An investigation of nanoparticles addition on solidification kinetics and microstructure development of tin-lead solder," Materials Science Engineering, Bd. A 360, November 15, 2003, page 285-292. | |
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